

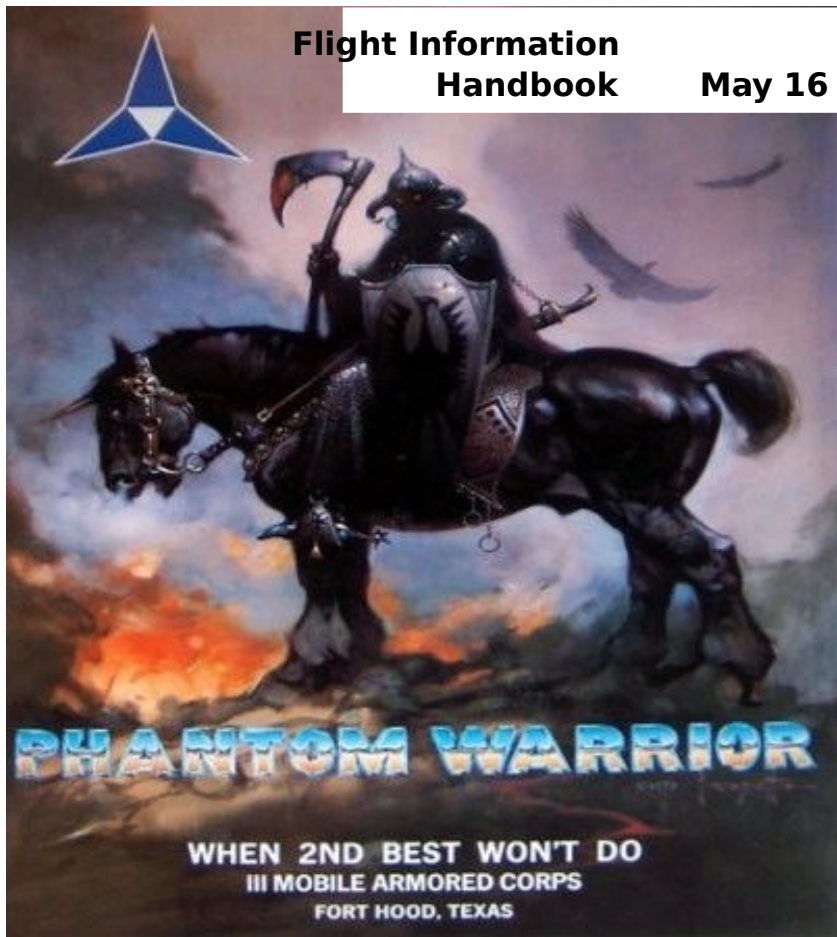
This Flight Information Handbook was developed by the 1st Air Cavalry Brigade (1ACB) and is not required to be used to fly at Ft. Hood

This FIH contains changes to facilitate the 2016 CARS changes and is effective MAY 2016. If you find inaccuracies in this Handbook or have recommendations for content, please contact 1ACB Standardization section.

III Corps and Fort Hood



FORT HOOD. TEXAS



PHONE ROSTER <i>Local Area Code (254)</i>			
TITLE		OFFICE	CELL
CDR			
XO			
S-3			
SIP			
ASO			
BAMO			
FLT OPNS			
MISCELLANEOUS			
Waco TSTC AWOS	(254)867-3880	GRK BASE OPS	288-9200 FAX 288-1930
Waco TSTC Fuel	(254)799-5513	GRK WX	288-9620/9400
Temple AWOS	(254)774-8337	HOOD RADIO	288-9111
Temple Fuel	(254)298-5770	Hood Range Info	288-7827
Brownwood AWOS	(888) 297-9399	Range Control	287-8203/3321
Brownwood Fuel	(325) 643-1482	FLIGHT SERVICE	(800) 992-7433
Brady AWOS	(325) 597-9139		
Brady Fuel	(325) 597-1461		
San Saba AWOS	(800) 379-6349		
Gatesville AWOS	(254) 865-6742		
San Angelo ASOS	(325) 949-6686	III CORPS IOC	287-2520

HOOD AAF FREQUENCIES			
FACILITY	VHF	UHF	FM
LIFESAVER			38.30
HOOD GROUND	133.85	225.40	41.50
HOOD TOWER	119.65	269.45	41.50
CLEARANCE DELIVERY		225.40	
METRO		306.50	41.20
RANGE & TRAINING AREA FREQUENCIES			
HOOD RADIO	141.17	357.90	38.75
LOMETA REMOTE	149.80	241.35	
RANGE CONTROL			PRI-30.45 ALT-38.30
Eastern Training Areas (Longhorn,Shorthorn)	143.0	237.50	64.35
Western Training Areas			46.70
Southern Training Area			44.40
Test Flight Area 3,4 & 5	122.75		44.40
GRAY AAF FREQUENCIES			
GRK APP CONTROL	120.075	323.15	
GRK TOWER	120.75	285.50	
GRK GROUND	126.20	279.50	
GRAY PTD (Base Ops)	125.05	305.15	

LOCAL AREA FREQUENCIES					
FACILITY			VHF	UHF	FM
GRAY GCA			118.95	254.40	
SKYLARK ATIS			128.575		
SKYLARK UNICOM			122.70		
TEMPLE UNICOM			123.00		
SAN ANGELO RADIO			122.25	255.40	
EMERGENCY GUARD FQ's			121.50	243.00	40.50
COMM SETS					
COMSET	ID	VHF	UHF	FM1	FM2
1	COMM CHK				
2	TAXI	HLR GND 133.85	HLR GND 225.45	OPS	41.50
3	HOOD	HLR TWR 119.65	HLR TWR 269.45	OPS	41.50
4	EAST	HLR RDO 143.10	HLR RDO 357.90	EAST 64.35	
5	WEST	HLR RDO 143.10	HLR RDO 357.90	WEST 46.70	
6	IIMC	GRK APP 120.075	GRK APP 323.15		
7	TEMPLE	TPL CTAF 123.00	HLR RDO 357.90		
8	GRK	GRK TWR 120.75	GRK TWR 285.50	SOUTH 44.40	
9	LONGHORN	LHN TWR 143.00	HLR RDO 357.90	EAST 64.35	
MAN		CUE		HQ NET -	

LOCAL AREA NAVAIDS			
NDB			
STARN	GR	323	NDB
IRESH	IL	278	NDB
HOOD / RANGE INFO	HLR	347	NDB
BRADY	BBD	380	NDB
SAN ANGELO-WOOLE	SJ	356	NDB
WACO TSTC	ROB	400	NDB
CREED (AUSTIN)	BS	255	NDB
VOR			
BROWNWOOD	BWD	108.6	VOR
CENTEX	CWK	112.8	VOR
COLLEGE STATION	CCL	113.3	VOR
GRAY AAF	GRK	111.8	VOR
LAMPASSAS	LZZ	112.5	VOR
LIANO	LLO	108.2	VOR
SAN ANGELO	SJT	115.1	VOR
STONEWALL	STV	113.8	VOR
TEMPLE	TPL	110.4	VOR
WACO	ACT	115.3	VOR
ILS			
GRAY AAF (RWY 15)	I-GRK	111.10	ILS
GRAY AAF (RWY 33)	I-BTJ	109.35	ILS
TEMPLE	I-TPL	111.50	ILS
WACO TSTC	I-CNW	110.70	ILS
WACO	I-ACT	109.70	ILS



What aviators need to know

- UAS operations will continue to increase requiring aviators to have greater situational awareness while operating in the Fort Hood airspace.
- **Integration** of manned and unmanned assets will be accomplished through vertical, horizontal and timed separation.

What to expect

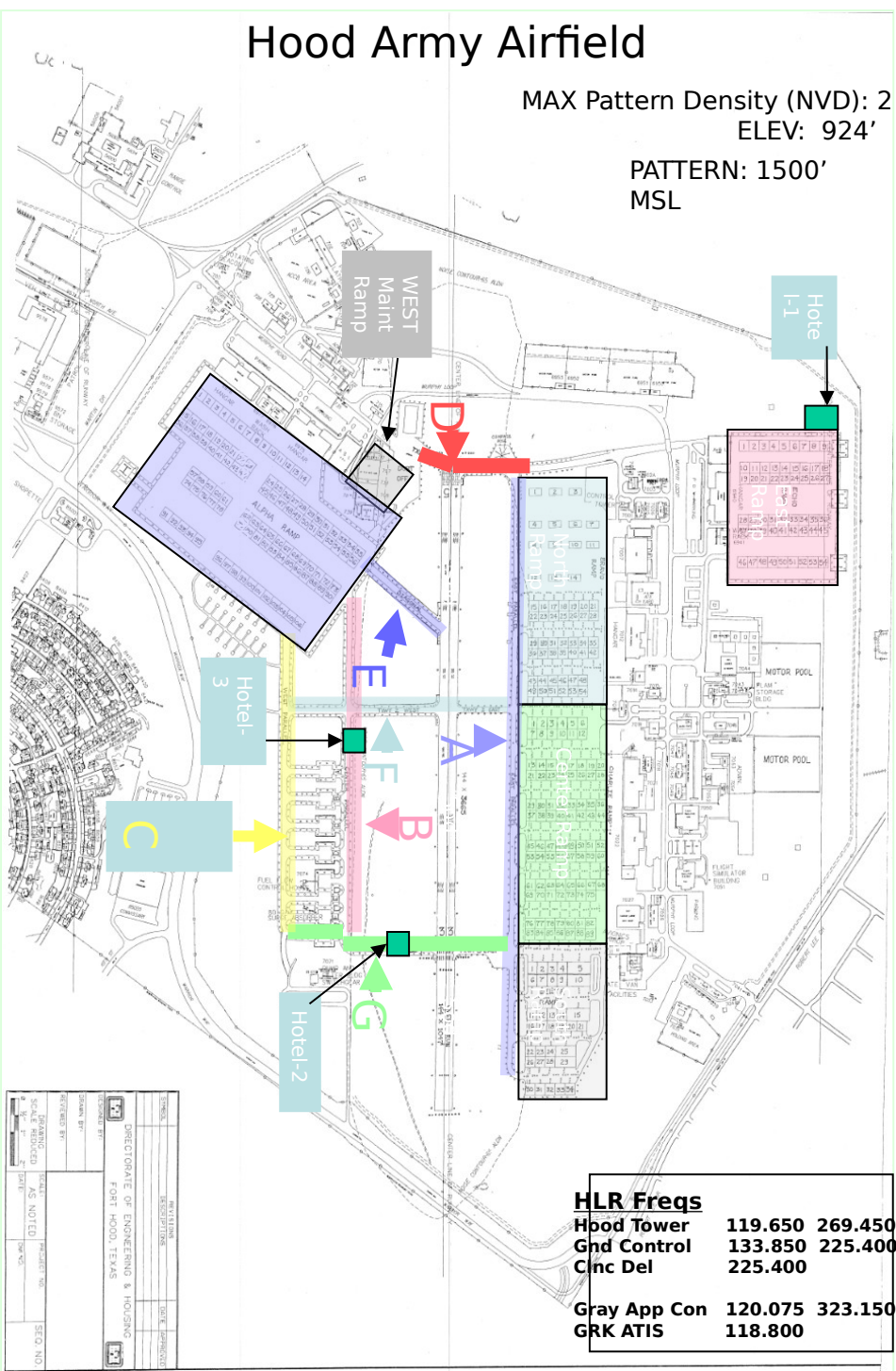
- UAS operations are activated by NOTAM
- UAS launch/recoveries (*outside the redline*) are ***announced on land group frequency***
- Non participating aircraft will remain clear of the ROZ unless coordination is made with the UAS unit on land group frequency prior to entry.

Where

- Inside the ROZ's SFC to 7000 MSL (Strip 50, Cold Springs)
- Outside the ROZ's - 5000' MSL min. to 9000' MSL max in all restricted airspace of R-6302.

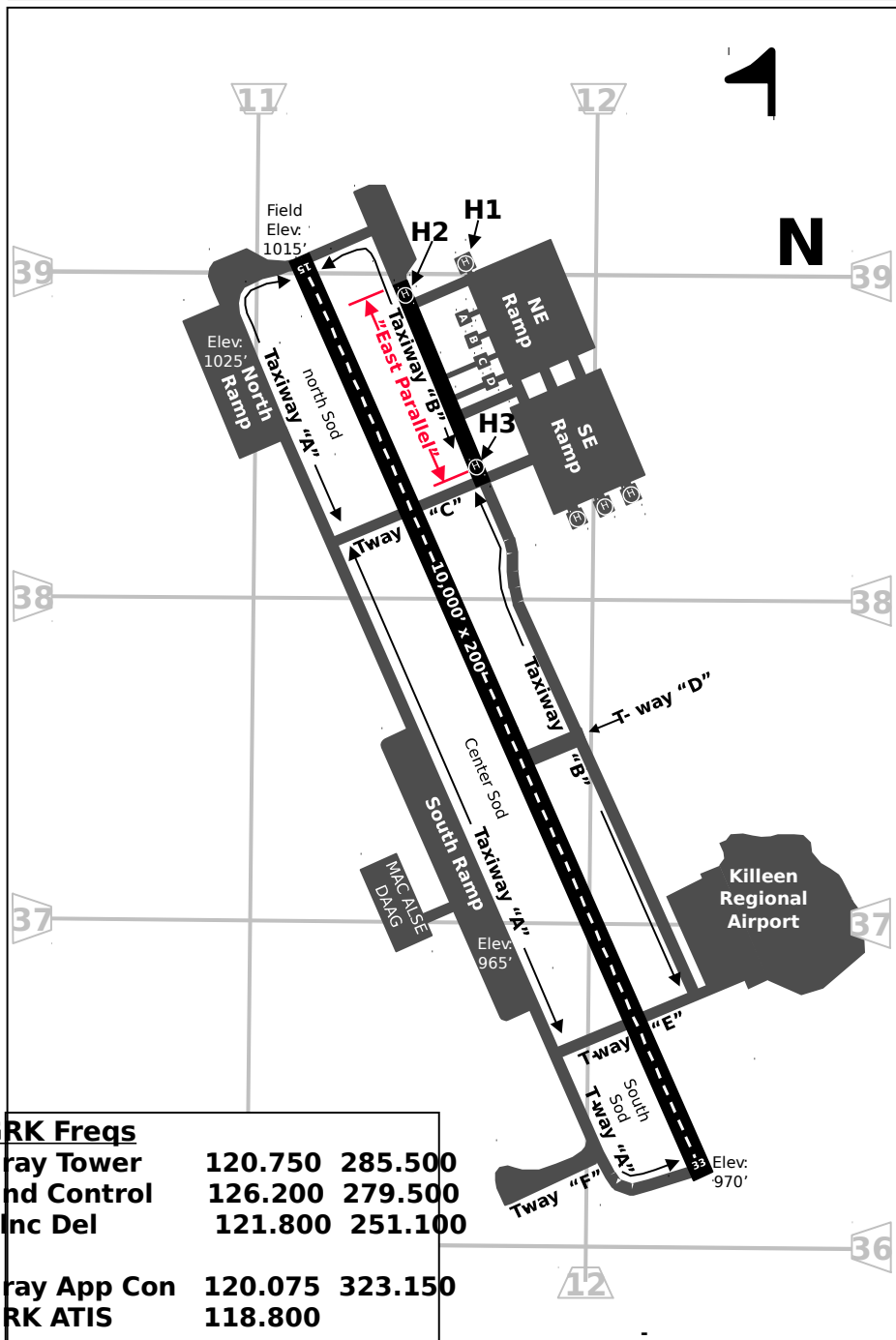
(Exception is the 'Gray Eagle/Hunter UAS' corridor from RGAAF to R-6302 at 3000/5000' MSL)

HAVE QUICK 2 DATA TABLE					
1	2	3	4	5	6
300.050	300.050	300.050	300.050	300.050	300.050
376.000	287.400	297.600	314.300	359.100	297.600
359.100	376.000	287.400	297.600	314.300	376.000
314.300	359.100	376.000	287.400	297.600	359.100
297.600	314.300	359.100	376.000	287.400	314.300
287.400	297.600	314.300	359.100	376.000	287.400
7	8	9	10	11	12
300.050	300.050	300.050	300.050	300.050	300.050
314.300	359.100	376.000	287.400	314.300	359.100
287.400	297.600	314.300	359.100	297.600	314.300
376.000	287.400	297.600	314.300	376.000	287.400
359.100	376.000	287.400	297.600	359.100	376.000
297.600	314.300	359.100	376.000	287.400	297.600
13	14	15	16	17	18
300.050	300.050	300.050	300.050	300.050	300.050
376.000	287.400	297.600	359.100	376.000	287.400
359.100	376.000	287.400	314.300	359.100	376.000
297.600	314.300	359.100	297.600	314.300	359.100
287.400	297.600	314.300	376.000	287.400	297.600
314.300	359.100	376.000	287.400	297.600	314.300
19	20	21	22	23	24
300.050	300.050	300.050	300.050	300.050	300.050
297.600	314.300	314.300	359.100	376.000	287.400
287.400	297.600	376.000	287.400	297.600	314.300
376.000	287.400	359.100	376.000	287.400	297.600
314.300	359.100	297.600	314.300	359.100	376.000
359.100	376.000	287.400	297.600	314.300	359.100
25	26	27	28	29	30
300.050	300.050	300.050	300.050	300.050	300.050
297.600	359.100	376.000	287.400	297.600	314.300
359.100	297.600	314.300	359.100	376.000	287.400
314.300	376.000	287.400	297.600	314.300	359.100
287.400	314.300	359.100	376.000	287.400	297.600
376.000	287.400	297.600	314.300	359.100	376.000
31	TSET FREQS				
300.050	1 - 235.050	7 - 262.450	13 - 293.550		
376.000	2 - 225.150	8 - 257.250	14 - 289.050		
314.300	3 - 252.925	9 - 314.450	15 - 284.150		
297.600	4 - 239.950	10 - 308.750	16 - 279.750		
359.100	5 - 271.950	11 - 303.275			
287.400	6 - 267.850	12 - 298.650			
FMT NETS					
1-227th	2-227th	3-227th		7-17	
00.025	00.325	01.025		01.325	
00.125	00.425	01.125		01.425	
00.225	00.525	01.225		01.525	

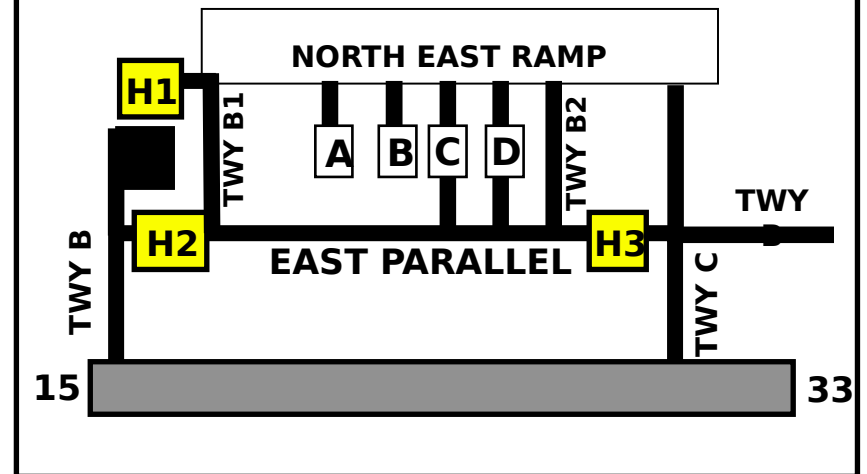


Airfield Diagram

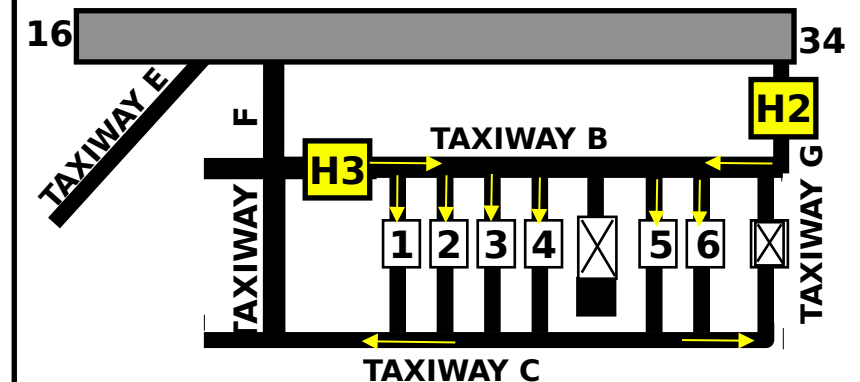
Killeen Regional / Robert Gray AAF



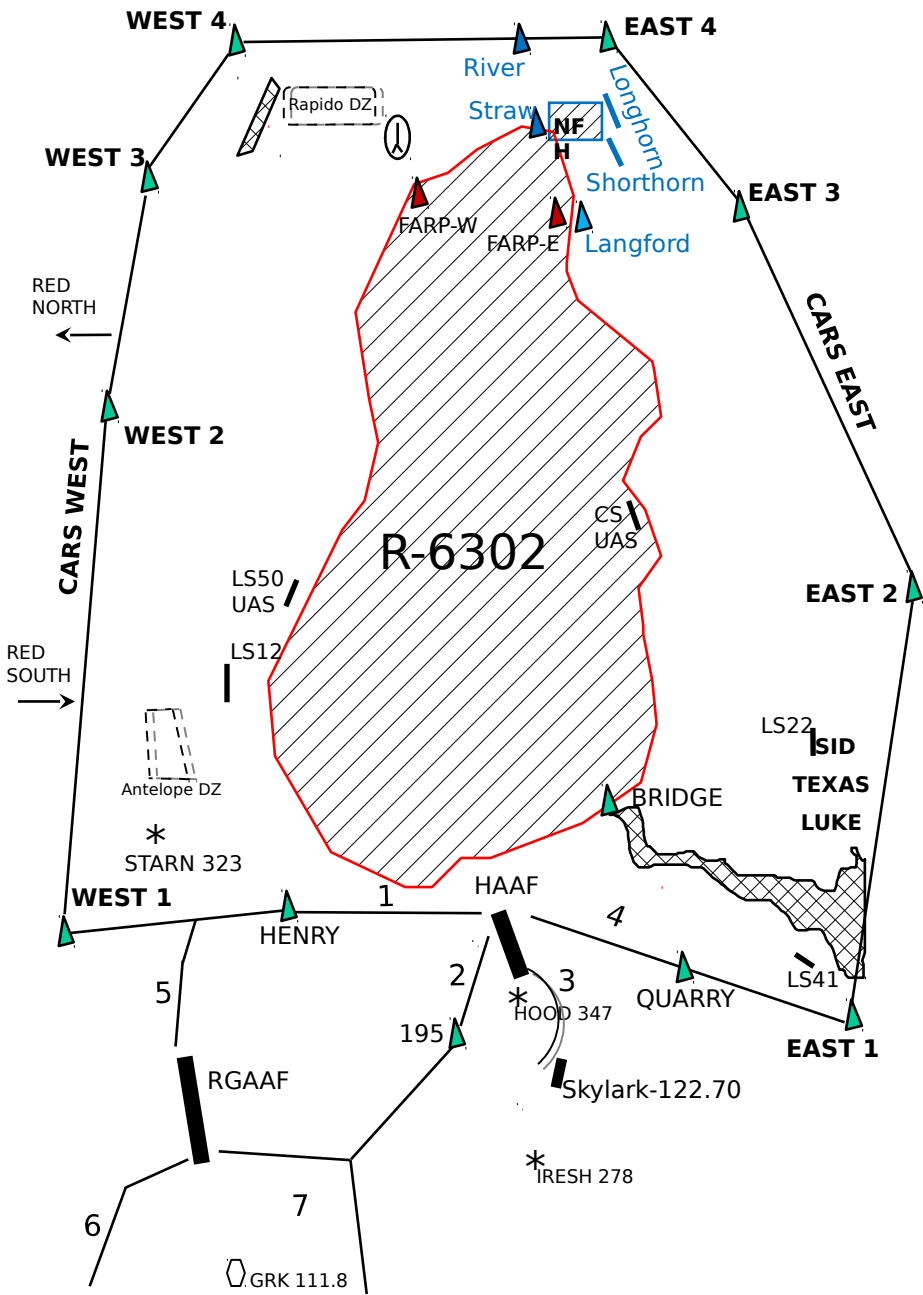
GRAY AAF RAPID REFUEL



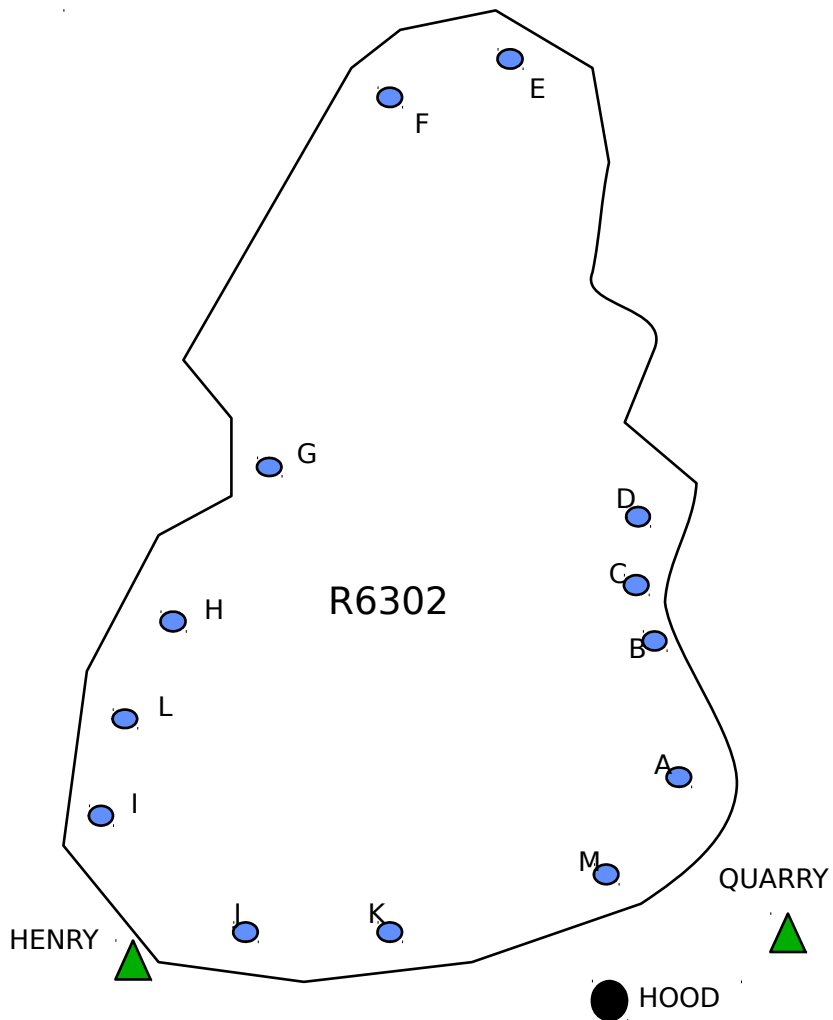
HOOD AAF RAPID REFUEL



FORT HOOD CARS STRUCTURE



LASER FIRING POINTS



A - PV 2830 5089	(285-301)	H - PV 1824 5622	(081- 119)
B - PV 2885 5480	(223-248)	I - PV 1841 4848	(011- 036)
C - PV 2782 5685	(190-210)	J - PV 2189 4920	(352- 045)
D - PV 2555 5788	(162-182)	K - PV 2465 4875	(333- 015)
E - PV 2305 6981	(154-210)	L - PV 1470 5300	(053- 068)
F - PV 2092 6886	(120-192)	M - PV 2751 4886	(304- 322)

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Impact Area

Laser Firing Point "C" Running/Dive Lane

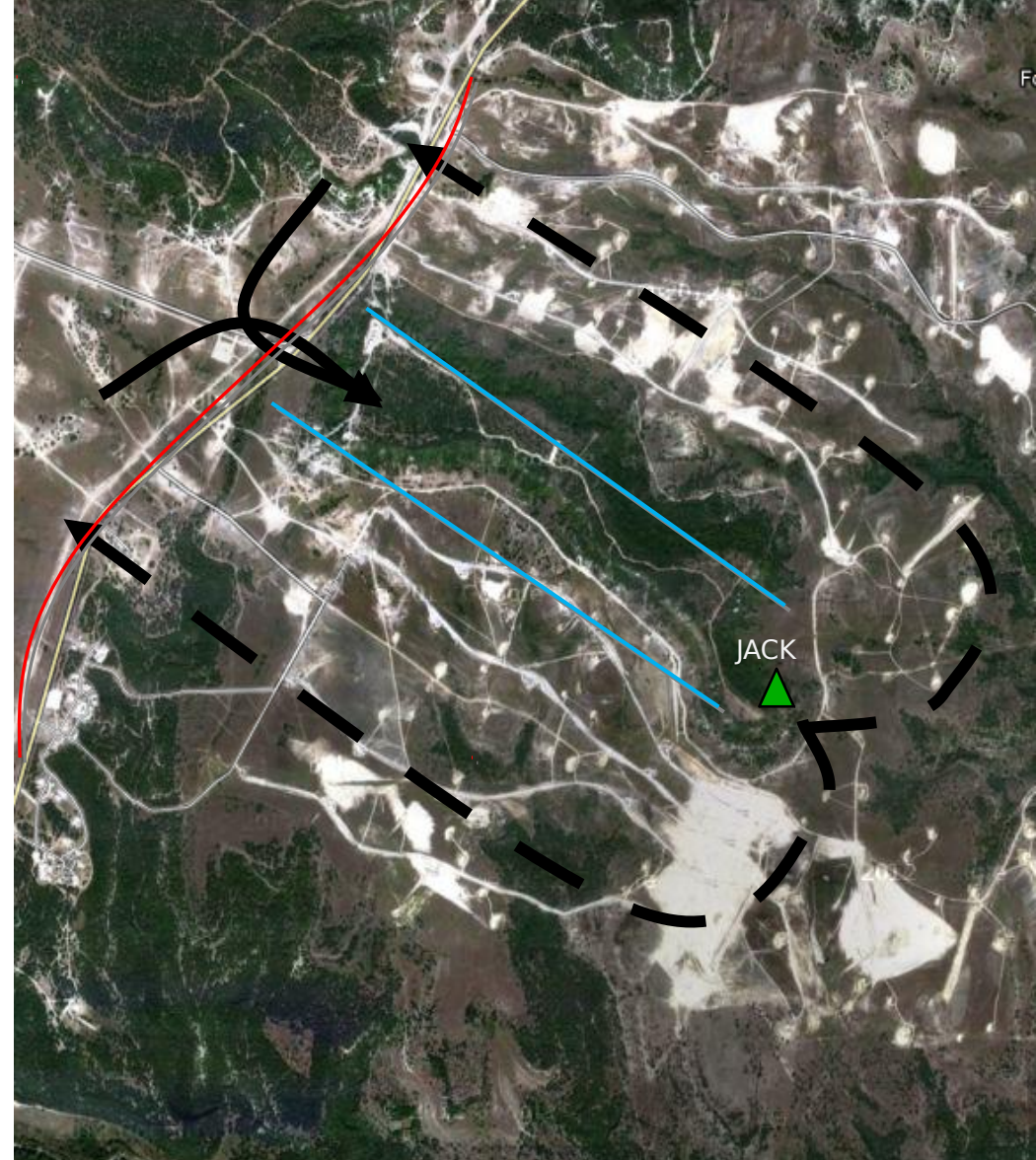
Location: PV 27820 56850

Azimuth Limits: 190 - 210

Freq: (Range Control) 30.45

Notes 1: Inside Redline coordinate range control

2: In / Out Redline coordinate with Hood
Radio and Range Control



Laser Firing Point "H" Running/Dive Lane

Location: PV 1824 5622

Azimuth Limits: 081 - 119

Freq: (Range Control) 30.45

Notes 1: Inside Redline coordinate range control

2: In / Out Redline coordinate with Hood
Radio and Range Control

STRIP 41

Frequency: FM 64.35

Max: 2 @ Night



STRIP 22

Frequency: FM 64.35

Max: 3 @ Night



LONGHORN/SHORTHORN

Frequency: 143.0 / 237.50 / 64.35

Alt: 1100 msl / Max: 3 @ Night



STRIP 12

Frequency: FM 46.70

Max: 3 @ Night



LT

BRADY

Frequency: CTAF 122.8

AWOS-3: 118.375

RWY 35 / 17 NDB:
380

REFUEL

1 2 3 4

Curtis Field
Airport

N

35

TEMPLE

1500'AGL

Frequency: CTAF 123.0 / AWOS-3:
134.975

RWY 33 / 15 02 / 20

VOR/DME:

110.400

15

20

REFUEL

02

33

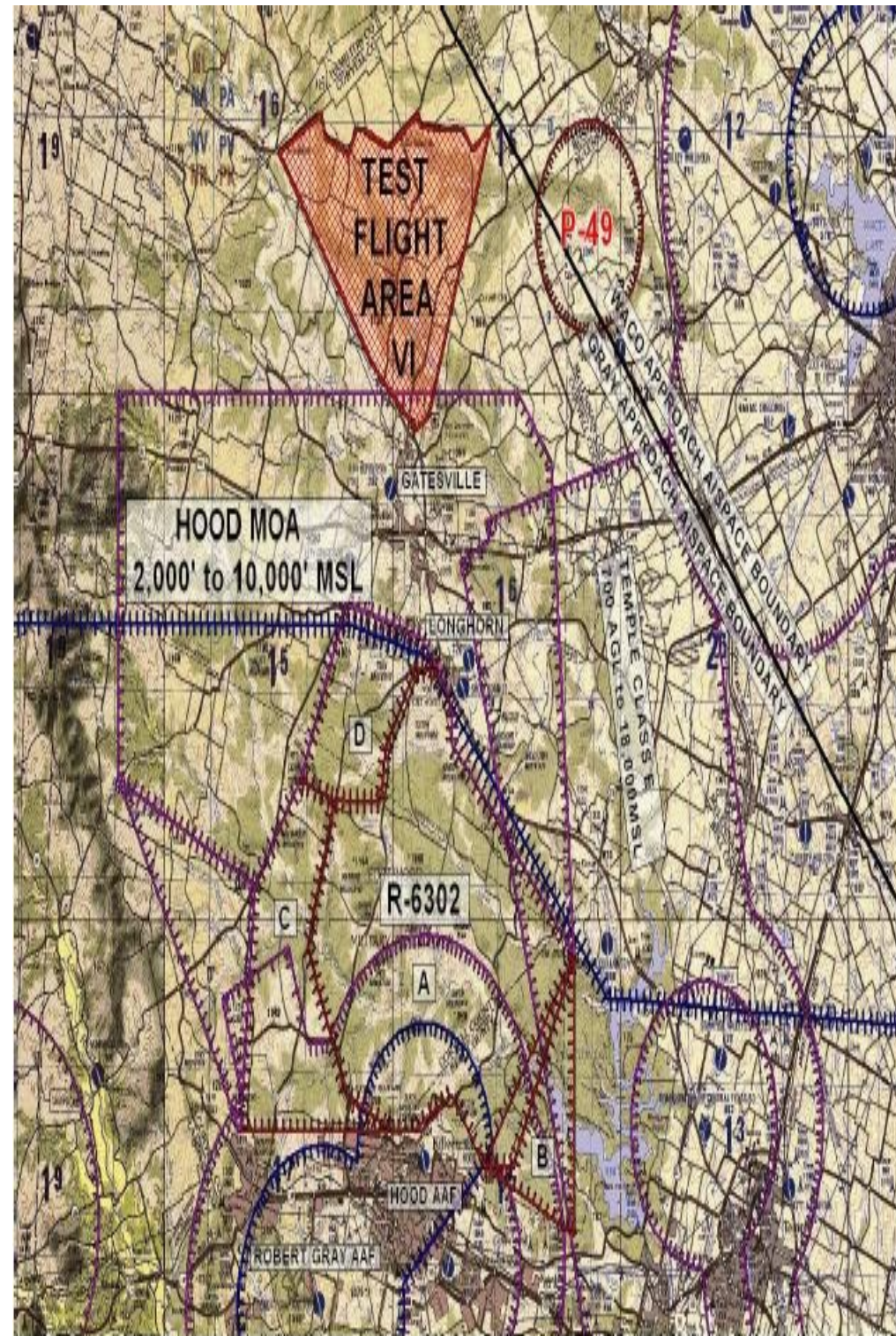
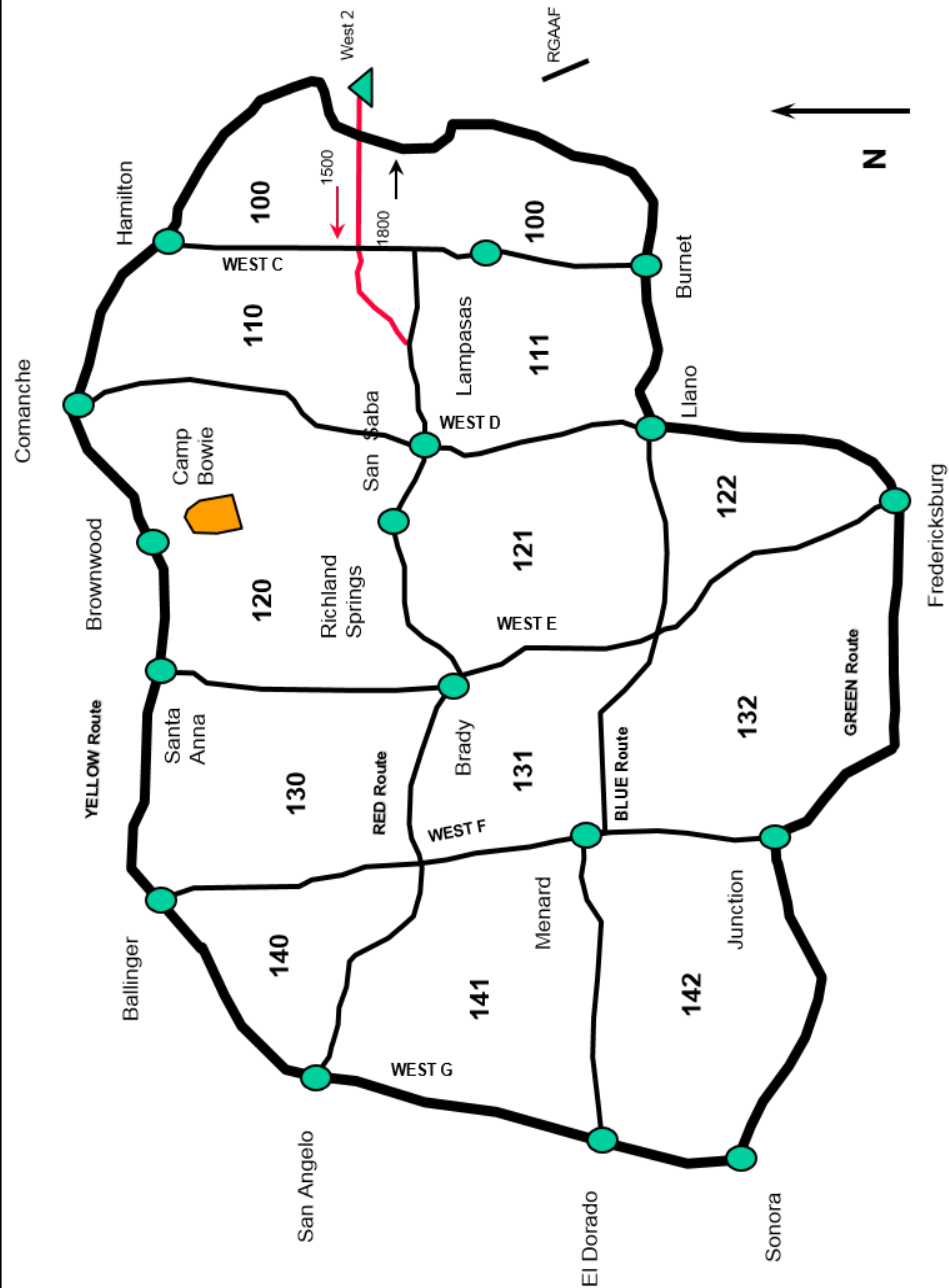
N

© 2007 Europa Technologies

59° W elev 664 ft

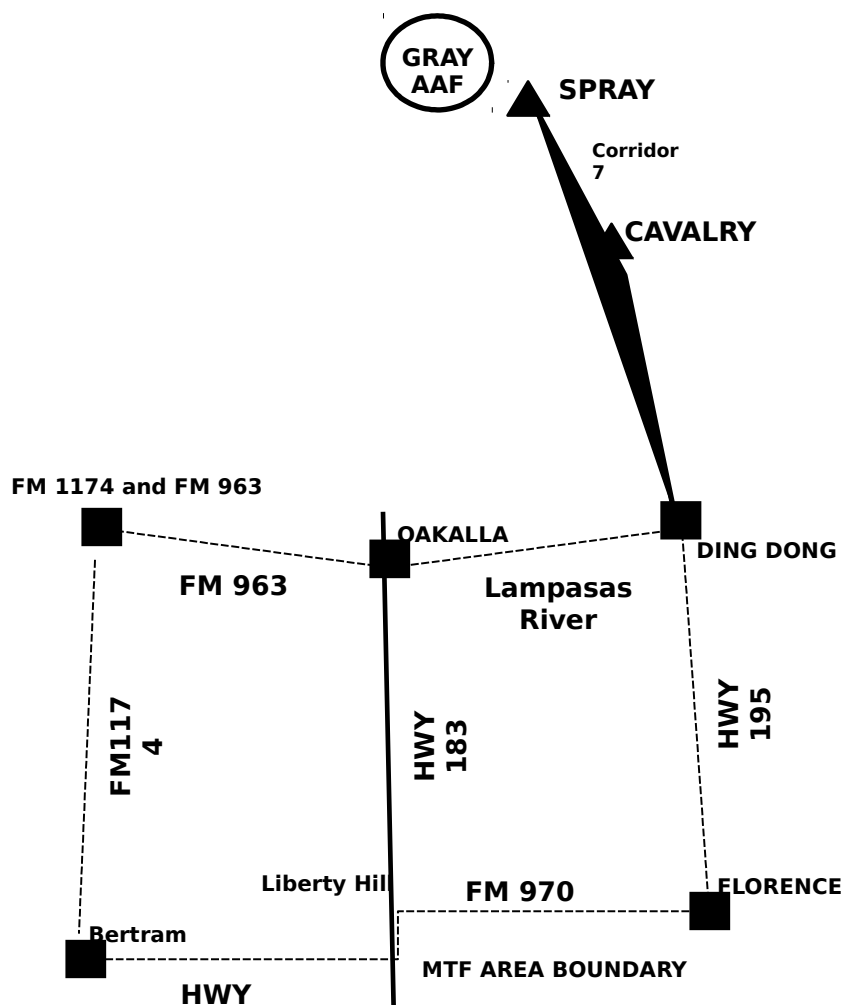
Streaming ||||| 100%

WESTERN TRAINING AREA



MTF AREA (west side)

44.40

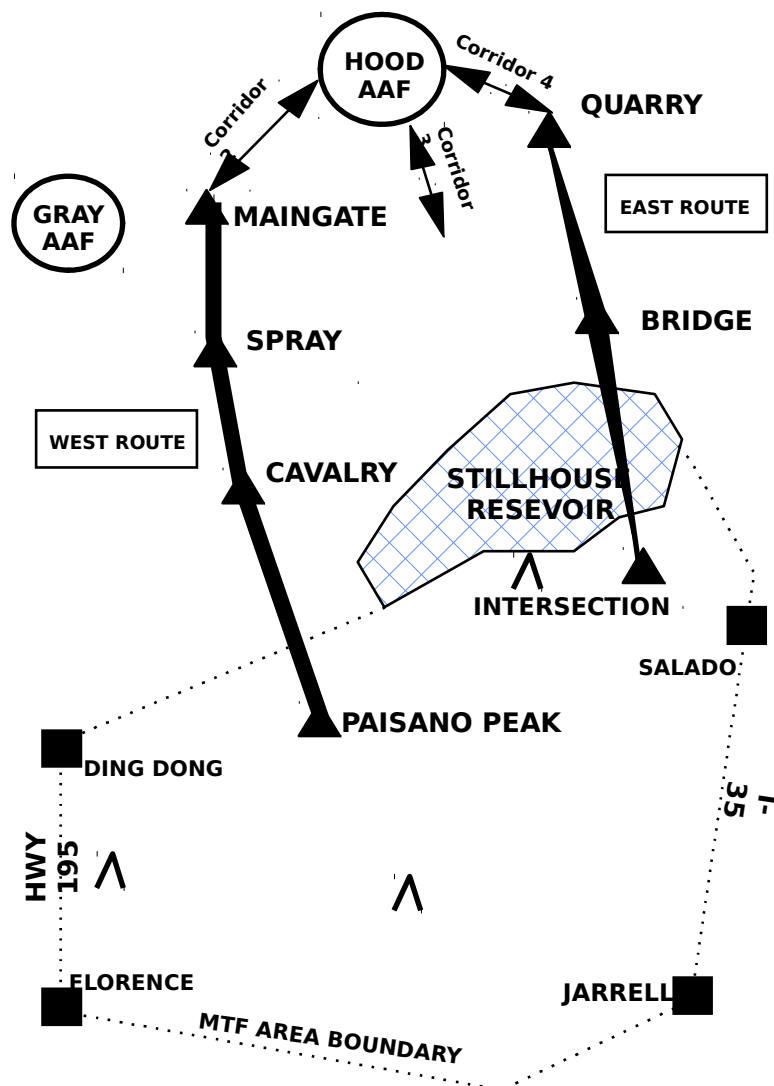


- VFR conditions, daylight only
- Duration: 2.5 hour or less

NOTE: MPs **must** close-out flight plans with originating airfield

MTF AREA (east side)

44.40



Flight Follow with Gray Approach or Hood Radio and monitor 44.40

**Ft. Hood Reg. 95-1
Rules & Regulations Summary**

TRAFFIC PATTERNS *(Longhorn Tower operational M-F 0900-0100)*

- Longhorn East Only @ 1100' MSL *(unless otherwise directed)*

- Shorthorn West Only @1100' MSL *(unless otherwise directed)*

- Robert Gray/Hood 1500' MSL
- Temple 700' AGL

SCHEDULED AIRSPACE

- Scheduled through DPTMS Range Division (FH 95-1 Format)

- >200AGL to 5000' MSL

- Unit must "activate" and "de-activate" with Hood Radio

WEATHER *(All training will terminate/recover at <500' ceilings)*

- Uncontrolled at or below 1200' AGL

►Day = Clear of Clouds, ½ SM Visibility

►Night = Clear of Clouds, 1 SM Visibility

- Special VFR is same as above for Day & Night

CARS

- CARS Altitude 1500'MSL Clockwise 1800'MSL Counterclockwise

- Procedural Control activated with WX < 1000-3

-Aircraft inbound to NFH will utilize EAST 3 (south entry) or EAST 4 (north entry) and establish contact with Longhorn Tower/advisory on appropriate frequency.

Flights along the REDLINE are not required to contact Longhorn Tower/advisory.

**Ft. Hood Reg. 95-1
Rules & Regulations Summary (Continued)**

AIRFIELD CORRIDORS

- Corridor 1-3=Outbound 1500' MSL, Inbound 1800' MSL

- Corridor 4=Outbound 1800' MSL, Inbound 1500' MSL

- Night Operations in airfield corridors require Landing Light-ON
and Position Lights-BRIGHT

- Low-Level (200' AGL and below) departures/arrivals via checkpoint Bridge when approved by HAAF Tower.

NIGHT OPERATIONS

- Lighting Requirements

►SCHEDULED AIRSPACE **(Black-out operations)**

● **High bird/O/C required** - full lighting - must monitor land group frequency at all times

● All aircraft - monitor common air to air frequency. May use land group frequency to monitor but will not conduct operations on that frequency

● ROZ incursion (Non participating A/C) - all aircraft,
immediately full lighting until problem resolved

► SCHEDULED AIRSPACE: **(Minimal Lighting)**

● Single ACFT: Position Lights-STEADY DIM, Anti-Collision-OFF

● Formation FLT: Position Lights - STEADY DIM, Trail aircraft must have Anti-Collision-ON. Other aircraft - Anti-Collision-OFF. Except in numbered Corridors.

► OTHER THAN SCHEDULED AIRSPACE:

Anti- ● Single ACFT: Position Lights-STEADY BRIGHT, Collision-ON

Lights- may ● Formation FLT: Trail aircraft must have Position STEADY BRIGHT, Anti-Collision-ON. Other aircraft be Position Lights-STEADY-DIM, Anti-Collision-OFF. Except in numbered corridors

Ft. Hood Reg. 95-1
Rules & Regulations Summary (Continued)

PROCEDURAL CONTROL / SVFR

HAAF: Numbered Corridor 1 / 4
 RGAAF: Numbered Corridors 5 / 6 / 7

- Corridor: 2 Not Authorized

IIMC PROCEDURES

- Climb to 2500' MSL
- Squawk 7700
- Contact GRK APP and ask for assistance (PAR/ASR)

- If no/lost commo and no previous clearance:
 - * East of 23 N/S gridline, fly southeast until intercepting 280 course to Hood NDB, then direct STARN.
 - * West of 23 N/S gridline, direct STARN and perform an IAP

LEVEL-OFF CHECKS

1. Power - Set/record
2. Altitude - Check
3. Altimeters - Set
4. OAT/ Anti Ice - Check/ Set as req.
5. Instruments - Check
6. NAV, Comm Pg - Set
7. Fuel (endurance) - Check

APPROACH CHECKS

1. ATIS/ Weather - Check
2. Altimeters - Set (P)
3. NAV/ Comm - Check
4. Route - Check/Select
5. Intentions - Reported
6. Radar Alt.(MDA/DH) - Set
7. Approach Brief - Complete

TYPE APPROACH _____

MSA _____ AIR SPD _____

ENTRY _____ BRNGS / ALTs _____

MAP / MDA /DA _____

MISSED APP PROC. _____

FINAL CHECKS

1. Instruments - Check
2. Search Lt. - On
3. Minima - _____ - Feet
4. Route Scaling - Set
5. Before Land Check - Complete
7. Low bug settings

Table 6-1. Severe Weather Warning – High Risk

Note: Actions listed in the "Action" column apply to each of the warnings listed in the "Warning" column.

Warning	Action
1. Tornados and Tropical Storms	
2. Severe Thunderstorms: Damaging wind 45 knots or greater and/or hail half inch or more in diameter	* Recall/ground aircraft * Hangar and Moor aircraft * Secure equipment * Update IOC every 60 minutes until all aircraft and flight line equipment is secure.
3. Damaging surface wind not associated with thunderstorms 45 knots or greater	

Aircraft Actions in Flight

1. Aircraft operating within R-6302 and/or WTA:
 - a. If associated weather warning conditions are not present, immediately return to RGAAF, HAAF, or tactical field site.
 - b. If associated weather warning conditions are present, the PC will determine the best course of action and notify Hood Radio of intentions.
2. Aircraft in the local flying area (outside of 1 above): upon receipt of a weather warning, the PC will determine the best course of action and notify the command as soon as practicable.

Legend:

IOC – Installation Operations Center	PC – Pilot in Command
RGAAF – Robert Gray Army Airfield	HAAF – Hood Army Airfield
WTA – Western Training Area	

Table 6-2. Severe Weather Warning – Moderate Risk

Note: All of the actions listed in the "Action" column apply to each of the warnings listed in the "Warning" column.

Warning	Action
1. Moderate Thunderstorms: High wind greater than 35 knots but less than 45 knots and/or hail of greater than quarter inch or in diameter but less than half inch or more in diameter	* Within operational capabilities aircraft, operations within these warning conditions may occur; however, these missions are an automatic Moderate Risk. Battalion commander (O-5) and above may approve on a case-by-case basis.
2. Strong surface not associated with thunderstorms greater than 35 knots but less than 45 knots.	* Commanders will ensure all aircraft and flight line equipment is secure.
3. Freezing precipitation	

Aircraft Actions in Flight

1. Operating within the area of the warning:
 - a. If associated weather warning conditions are not present, immediately return to RGAAF, HAAF, or tactical field site.
 - b. If associated weather warning conditions are present, the PC will determine the best course of action and notify Hood Radio of intentions
2. If briefed and approved for Moderate Risk level, PCs may continue the briefed mission outside the area of the warning as long as they do not encounter weather conditions associated with the warning.

Legend:

IOC – Installation Operations Center	PC – Pilot in Command
RGAAF – Robert Gray Army Airfield	
HAAF – Hood Army Airfield	

Table 6-3. Lightning Warning

Note: All of the actions listed in the "Action" column apply to each of the warnings listed in the "Warning" column.

Warning	Action
Lightning warning or observed lightning Within 5 miles (8.05 kilometers)	* All aircraft refueling will cease * Commanders will take necessary action to protect personnel and equipment.

Aircraft Actions in Flight

1. PCs will determine the best course of action to prevent airborne lightning strikes.
2. PCs may continue the briefed mission outside the area of the warning as long as they do not encounter weather conditions associated with the warning.
3. Aircrews should avoid all known thunderstorms by at least 20 nautical miles (NM)

Legend:

PC – Pilot in Command

NM – Nautical Miles

Table 6-4. Weather Watches and Advisories

Note: All of the actions listed in the "Action" column apply to each of the warnings listed in the "Warning" column.

Actions for Severe Weather Watches and/or Advisories

1. Aviation operations may occur in areas covered by a weather watch or advisory however, commanders will establish recovery procedures in the event a warning is issued for the weather phenomena contained in the watch and/or advisory.
2. PCs will establish and maintain radio/telephone contact every 30 minutes or at intermediate stops with their unit flight operations.

Legend:

PC – Pilot in Command

AVIATOR/UAS OPERATOR MISHAP RESPONSE CARD

These are the actions required when an aviator/UAS operator is involved in a mishap:

1. In the event of an aircraft mishap in which the aircraft cannot return to base, the crew of the mishap aircraft or of the aircraft observing the mishap, will report the following information to the applicable agency (i.e., ATC, Base Ops, local emergency agencies, unit, etc):
 - a. Your call sign or name if calling on land line.
 - b. Location of the mishap (grid coordinates or distance from known point).
 - c. Aircraft type, ID and unit.
 - d. Extent of damage and number of injuries.
 - e. Ammo on board? Fire?
 - f. Closest suitable landing area for MEDEVAC and is the site accessible from a road.
 - g. Your intentions.
 - h. Phone number you are calling from.
2. Secure the mishap site. US military has no authority to prohibit local civilians on the accident site when on civilian property. Seek the aid of local law enforcement personnel to aid in controlling curiosity seekers. Cover classified equipment and injured personnel from view. Move crash debris only to render first aid, occupant removal, extinguish a fire. Make a note of where the parts were that you moved if time and the situation permits.
3. Do not release any information to the public- not even to your family. That's the commander's job.
4. Complete the aircraft forms 2408-12 and -13. Then, write down everything that happened from the first indication of a problem until everything stopped moving. Contact the Unit ASO immediately upon return.
6. Notify your Chain of Command by fastest means available.
7. For damage or suspected damage to an aircraft, the crew is required blood and urinalysis testing.
8. For precautionary landings on aborted takeoffs with no

7-17 DIGITAL COMMUNICATION DATA				
TAIL #	IP ADD	URN	SUBID	LASER
A Troop-Nightmare				
02-05323	239.7.17.10	538938	10	1211
06-07021	239.7.17.11	538939	11	1212
08-05554	239.7.17.12	538940	12	1213
08-05556	239.7.17.13	538941	13	1214
03-05352	239.7.17.14	538942	14	1215
	239.7.17.15	538935	15	1216
	239.7.17.16	538936	16	1217
	239.7.17.17	538937	17	1218
1st Platoon Broadcast ID			18	
2nd Platoon Broadcast ID			19	
B Troop-Scalp Hunter				
08-05558	239.7.17.20	538948	20	1221
03-05399	239.7.17.21	538949	21	1222
08-05545	239.7.17.22	538950	22	1223
04-05442	239.7.17.23	538951	23	1224
03-05408	239.7.17.24	538952	24	1225
03-05418	239.7.17.25	538945	25	1226
	239.7.17.26	538946	26	1227
	239.7.17.27	538947	27	1228
1st Platoon Broadcast ID			28	
2nd Platoon Broadcast ID			29	
C Troop-Crazyhorse				
03-05446	239.7.17.30	538958	30	1231
05-07001	239.7.17.31	538959	31	1232
05-07018	239.7.17.32	538960	32	1233
08-05552	239.7.17.33	538961	33	1234
02-05294	239.7.17.34	538962	34	1235
	239.7.17.35	538955	35	1236
	239.7.17.36	538956	36	1237
	239.7.17.37	538957	37	1238
1st Platoon Broadcast ID			38	
2nd Platoon Broadcast ID			39	

1-227 TH DIGITAL COMMUNICATION DATA				
TAIL #	C/S	URN	SUBID	LASER
A Company-Avengers				
02-05299		538901	1A	1121
02-05318		538902	1B	1122
03-05357		538903	1C	1123
03-05371		538904	1D	1124
07-05503		538905	1E	1125
07-05527		538898	1F	1126
		538899	1G	1127
		538900	1H	1128
1st Platoon Broadcast ID			1I	
2nd Platoon Broadcast ID			1J	
B Company-Reapers				
03-05361		538911	2A	1131
04-05428		538912	2B	1132
04-05474		538913	2C	1133
07-05504		538914	2D	1134
10-05619		538915	2E	1135
		538908	2F	1136
		538909	2G	1137
		538910	2H	1138
1st Platoon Broadcast ID			2I	
2nd Platoon Broadcast ID			2J	
C Company-Vampires				
03-05367		538921	3A	1141
04-05423		538922	3B	1142
04-05433		538923	3C	1143
04-05445		538924	3D	1144
05-05485		538925	3E	1145
05-07007		538918	3F	1146
05-07009		538919	3G	1147
		538920	3H	1148
1st Platoon Broadcast ID			3I	
2nd Platoon Broadcast ID			3J	